

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please amend the paragraphs beginning on page 29, line 9 and continuing to page 42, line 20 as follows:

~~_____ R1 is hydrogen atom or halogen atom;~~

~~_____ R2 is hydrogen atom, C1-C8alkyl group, C1-C8 haloalkyl group, halogen atom, OH group, OR27 group, SH group, S(O)pR27 group, COR27 group, CO2R27 group, C(O)SR27 group, C(O)NR29R30 group, CHO group, CR27-NOR36 group, CH=CR37CO2R27 group, CH2CHR37CO2R27 group, CO2N=CR31R32 group, nitro group, cyano group, NHSO2R33 group, NHSO2NHR33 group, NR27R38 group, NH2 group or phenyl group optionally substituted with one or more and the same or different C1-C4 alkyl groups;~~

~~_____ p is 0, 1 or 2;~~

~~_____ R3 is C1-C2 alkyl group, C1-C2 haloalkyl group, OCH3 group, SCH3 group, OCHF2 group, halogen atom, cyano group or nitro group;~~

~~_____ R4 is hydrogen atom, C1-C3 alkyl group, C1-C3 haloalkyl group or halogen atom;~~

~~_____ R5 is hydrogen atom, C1-C3 alkyl group, halogen atom, C1-C3 haloalkyl group, cyclopropyl group, vinyl group, C2 alkynyl group, cyano group, C(O)R38 group, CO2R38 group, C(O)NR38R39 group,~~

~~CR34R35CN group, CR34R35C(O)R38 group, CR34R35CO2R38 group,
CR34R35C(O)NR38R39 group, CHR34OH group, CHR34OC(O)R38 group or
OCHR34OC(O)NR38R39 group, or, when G is G-2 or G-6, R4 and R5 may
form C=O group together with the carbon atom to which they are
attached;~~

~~_____ R6 is C1-C6 alkyl group, C1-C6 haloalkyl group, C2-C6
alkoxyalkyl group, C3-C6 alkenyl group or C3-C6 alkynyl group;~~

~~_____ X1 is single bond, oxygen atom, sulfur atom, NH group,
N(C1-C3 alkyl) group, N(C1-C3 haloalkyl) group or N(allyl) group;~~

~~_____ R7 is hydrogen atom, C1-C6 alkyl group, C1-C6 haloalkyl
group, halogen atom, S(O)2(C1-C6alkyl) group or C(=O)R40 group;~~

~~_____ R8 is hydrogen atom, C1-C8 alkyl group, C3-C8 cycloalkyl
group, C3-C8 alkenyl group, C3-C8 alkynyl group, C1-C8 haloalkyl
group, C2-C8 alkoxyalkyl group, C3-C8 alkoxyalkoxyalkyl group, C3-
C8 haloalkynyl group, C3-C8 haloalkenyl group, C1-C8 alkylsulfonyl
group, C1-C8 haloalkylsulfonyl group, C3-C8 alkoxycarbonylalkyl
group, S(O)2NH(C1-C8 alkyl) group, C(O)R41 group or benzyl group
whose phenyl ring may be substituted with R42;~~

~~_____ n and m are independently 0, 1, 2 or 3 and m + n is 2 or
3;~~

~~_____ Z is CR9R10 group, oxygen atom, sulfur atom, S(O) group,
S(O)2 group or N(C1-C4 alkyl) group;~~

~~each R9 is independently hydrogen atom, C1-C3 alkyl group, halogen atom, hydroxyl group, C1-C6 alkoxy group, C1-C6 haloalkyl group, C1-C6 haloalkoxy group, C2-C6 alkylcarbonyloxy group or C2-C6 haloalkylcarbonyloxy group;~~

~~each R10 is independently hydrogen atom, C1-C3 alkyl group, hydroxyl group or halogen atom;~~

~~R11 and R12 are independently hydrogen atom, halogen atom, C1-C6 alkyl group, C3-C6 alkenyl group or C1-C6 haloalkyl group;~~

~~R13 is hydrogen atom, C1-C6 alkyl group, C1-C6 haloalkyl group, C3-C6 alkenyl group, C3-C6 haloalkenyl group, C3-C6 alkynyl group, C3-C6 haloalkynyl group, HC(=O) group, (C1-C4 alkyl)C(=O) group or NH2 group;~~

~~R14 is C1-C6 alkyl group, C1-C6 alkylthio group, C1-C6 haloalkyl group or N(CH3)2 group;~~

~~W is nitrogen atom or CR15;~~

~~R15 is hydrogen atom, C1-C6 alkyl group, halogen atom, or phenyl group optionally substituted with C1-C6 alkyl group, one or two halogen atoms, C1-C6 alkoxy group or CF3 group;~~

~~each Q is independently oxygen atom or sulfur atom;~~

~~Q1 is oxygen atom or sulfur atom;~~

~~Z1 is CR16R17 group, oxygen atom, sulfur atom, S(O) group, S(O)2 group or N(C1-C4alkyl) group;~~

~~each R16 is independently hydrogen atom, halogen atom, hydroxyl group, C1-C6 alkoxy group, C1-C6 haloalkyl group, C1-C6 haloalkoxy group, C2-C6 alkylcarbonyloxy group or C2-C6 haloalkylcarbonyloxy group;~~

~~each R17 is independently hydrogen atom, hydroxyl group or halogen atom;~~

~~R18 is C1-C6 alkyl group, halogen atom or C1-C6 haloalkyl group;~~

~~R19 and R20 are independently hydrogen atom, C1-C6 alkyl group, or C1-C6 haloalkyl group;~~

~~Z2 is oxygen atom, sulfur atom, NR9 group or CR9R10 group;~~

~~R21 and R22 are independently C1-C6 alkyl group, C1-C6 haloalkyl group, C3-C6 alkenyl group, C3-C6 haloalkenyl group, C3-C6 alkynyl group or C3-C6 haloalkynyl group;~~

~~R23 is hydrogen atom, halogen atom or cyano group;~~

~~R24 is C1-C6 alkylsulfonyl group, C1-C6 alkyl group, C1-C6 haloalkyl group, C3-C6 alkenyl group, C3-C6 alkynyl group, C1-C6 alkoxy group, C1-C6 haloalkoxy group or halogen atom;~~

~~_____ R25 is C1-C6 alkyl group, C1-C6 haloalkyl group, C3-C6 alkenyl group or C3-C6 alkynyl group;~~

~~_____ R26 is C1-C6 alkyl group, C1-C6 haloalkyl group or phenyl group optionally substituted with C1-C6 alkyl, one or two halogen atoms, one or two nitro groups, C1-C6 alkoxy group or CF₃ group;~~

~~_____ W1 is nitrogen atom or CH group;~~

~~_____ T is a group represented by any one of the following general formulas T-1, T-2 and T-3;~~

R¹ is hydrogen atom or halogen atom;

R² is hydrogen atom, C₁-C₈alkyl group, C₁-C₈ haloalkyl group, halogen atom, OH group, OR²⁷ group, SH group, S(O)_pR²⁷ group, COR²⁷ group, CO₂R²⁷ group, C(O)SR²⁷ group, C(O)NR²⁹R³⁰ group, CHO group, CR²⁷=NOR³⁶ group, CH=CR³⁷CO₂R²⁷ group, CH₂CHR³⁷CO₂R²⁷ group, CO₂N=CR³¹R³² group, nitro group, cyano group, NHSO₂R³³ group, NHSO₂NHR³³ group, NR²⁷R³⁸ group, NH₂ group or phenyl group optionally substituted with one or more and the same or different C₁-C₄ alkyl groups;

p is 0, 1 or 2;

R³ is C₁-C₂ alkyl group, C₁-C₂ haloalkyl group, OCH₃ group, SCH₃ group, OCHF₂ group, halogen atom, cyano group or nitro group;

R⁴ is hydrogen atom, C₁-C₃ alkyl group, C₁-C₃ haloalkyl group or halogen atom;

R⁵ is hydrogen atom, C₁-C₃ alkyl group, halogen atom, C₁-C₃ haloalkyl group, cyclopropyl group, vinyl group, C₂ alkynyl group, cyano group, C(O)R³⁸ group, CO₂R³⁸ group, C(O)NR³⁸R³⁹ group, CR³⁴R³⁵CN group, CR³⁴R³⁵C(O)R³⁸ group, CR³⁴R³⁵CO₂R³⁸ group, CR³⁴R³⁵C(O)NR³⁸R³⁹ group, CHR³⁴OH group, CHR³⁴OC(O)R³⁸ group or OCHR³⁴OC(O)NR³⁸R³⁹ group, or, when G is G-2 or G-6, R⁴ and R⁵ may form C=O group together with the carbon atom to which they are attached;

R⁶ is C₁-C₆ alkyl group, C₁-C₆ haloalkyl group, C₂-C₆ alkoxyalkyl group, C₃-C₆ alkenyl group or C₃-C₆ alkynyl group;

X¹ is single bond, oxygen atom, sulfur atom, NH group, N(C₁-C₃ alkyl) group, N(C₁-C₃ haloalkyl) group or N(allyl) group;

R⁷ is hydrogen atom, C₁-C₆ alkyl group, C₁-C₆ haloalkyl group, halogen atom, S(O)₂(C₁-C₆alkyl) group or C(=O)R⁴⁰ group;

R⁸ is hydrogen atom, C₁-C₈ alkyl group, C₃-C₈ cycloalkyl group, C₃-C₈ alkenyl group, C₃-C₈ alkynyl group, C₁-C₈ haloalkyl group, C₂-C₈ alkoxyalkyl group, C₃-C₈ alkoxyalkoxyalkyl group, C₃-C₈ haloalkynyl group, C₃-C₈ haloalkenyl group, C₁-C₈ alkylsulfonyl group, C₁-C₈ haloalkylsulfonyl group, C₃-C₈ alkoxycarbonylalkyl group, S(O)₂NH(C₁-C₈ alkyl) group, C(O)R⁴¹ group or benzyl group whose phenyl ring may be substituted with R⁴²;

n and m are independently 0, 1, 2 or 3 and m + n is 2 or 3;

Z is CR⁹R¹⁰ group, oxygen atom, sulfur atom, S(O) group, S(O)₂ group or N(C₁-C₄ alkyl) group;

each R⁹ is independently hydrogen atom, C₁-C₃ alkyl group, halogen atom, hydroxyl group, C₁-C₆ alkoxy group, C₁-C₆ haloalkyl group, C₁-C₆ haloalkoxy group, C₂-C₆ alkylcarbonyloxy group or C₂-C₆ haloalkylcarbonyloxy group;

each R¹⁰ is independently hydrogen atom, C₁-C₃ alkyl group, hydroxyl group or halogen atom;

R¹¹ and R¹² are independently hydrogen atom, halogen atom, C₁-C₆ alkyl group, C₃-C₆ alkenyl group or C₁-C₆ haloalkyl group;

R¹³ is hydrogen atom, C₁-C₆ alkyl group, C₁-C₆ haloalkyl group, C₃-C₆ alkenyl group, C₁-C₆ haloalkenyl group, C₃-C₆ alkynyl group, C₃-C₆ haloalkynyl group, HC(=O) group, (C₁-C₄ alkyl)C(=O) group or NH₂ group;

R¹⁴ is C₁-C₆ alkyl group, C₁-C₆ alkylthio group, C₁-C₆ haloalkyl group or N(CH₃)₂ group;

W is nitrogen atom or CR¹⁵;

R¹⁵ is hydrogen atom, C₁-C₆ alkyl group, halogen atom, or phenyl group optionally substituted with C₁-C₆ alkyl group, one or two halogen atoms, C₁-C₆ alkoxy group or CF₃ group;

each Q is independently oxygen atom or sulfur atom;

Q¹ is oxygen atom or sulfur atom;

Z¹ is CR¹⁶R¹⁷ group, oxygen atom, sulfur atom, S(O) group, S(O)₂ group or N(C₁-C₄alkyl) group;

each R¹⁶ is independently hydrogen atom, halogen atom, hydroxyl group, C₁-C₆ alkoxy group, C₁-C₆ haloalkyl group, C₁-C₆ haloalkoxy group, C₂-C₆ alkylcarbonyloxy group or C₂-C₆ haloalkylcarbonyloxy group;

each R¹⁷ is independently hydrogen atom, hydroxyl group or halogen atom;

R¹⁸ is C₁-C₆ alkyl group, halogen atom or C₁-C₆ haloalkyl group;

R¹⁹ and R²⁰ are independently hydrogen atom, C₁-C₆ alkyl group, or C₁-C₆ haloalkyl group;

Z² is oxygen atom, sulfur atom, NR⁹ group or CR⁹R¹⁰ group;

R²¹ and R²² are independently C₁-C₆ alkyl group, C₁-C₆ haloalkyl group, C₃-C₆ alkenyl group, C₃-C₆ haloalkenyl group, C₃-C₆ alkynyl group or C₃-C₆ haloalkynyl group;

R²³ is hydrogen atom, halogen atom or cyano group;

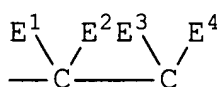
R²⁴ is C₁-C₆ alkylsulfonyl group, C₁-C₆ alkyl group, C₁-C₆ haloalkyl group, C₃-C₆ alkenyl group, C₃-C₆ alkynyl group, C₁-C₆ alkoxy group, C₁-C₆ haloalkoxy group or halogen atom;

R²⁵ is C₁-C₆ alkyl group, C₁-C₆ haloalkyl group, C₃-C₆ alkenyl group or C₃-C₆ alkynyl group;

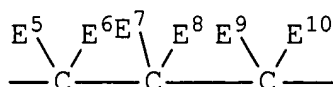
R²⁶ is C₁-C₆ alkyl group, C₁-C₆ haloalkyl group or phenyl group optionally substituted with C₁-C₆ alkyl, one or two halogen atoms, one or two nitro groups, C₁-C₆ alkoxy group or CF₃ group;

W¹ is nitrogen atom or CH group;

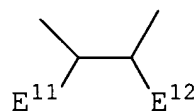
T is a group represented by any one of the following general formulas T-1, T-2 and T-3;



T-1



T-2



T-3

~~(wherein E₁, E₂, E₃, E₄, E₅, E₆, E₇, E₈, E₉, E₁₀, E₁₁ and E₁₂ are independently hydrogen atom or C₁-C₃ alkyl group);~~

~~R₂₇ is C₁-C₈ alkyl group, C₃-C₈ cycloalkyl group, C₃-C₈ alkenyl group, C₃-C₈alkynyl group, C₁-C₈ haloalkyl group, C₂-C₈ alkoxyalkyl group, C₂-C₈ alkylthioalkyl group, C₂-C₈ alkylsulfinylalkyl group, C₂-C₈ alkylsulfonylalkyl group, C₁-C₈ alkylsulfonyl group, phenylsulfonyl group whose phenyl ring may be substituted with at least one substituent selected from the group consisting of halogen atom and C₁-C₄ alkyl group, C₄-C₈ alkoxyalkoxyalkyl group, C₄-C₈ cycloalkylalkyl group, C₆-C₈ cycloalkoxyalkyl group, C₄-C₈ alkenyloxyalkyl group, C₄-C₈~~

~~alkynyloxyalkyl group, C3-C8 haloalkoxyalkyl group, C4-C8 haloalkenyloxyalkyl group, C4-C8 haloalkynyloxyalkyl group, C6-C8 cycloalkylthioalkyl group, C4-C8 alkenylthioalkyl group, C4-C8 alkynylthioalkyl group, C1-C4 alkyl group substituted with phenoxy group whose ring is substituted with at least one substituent selected from the group consisting of halogen atom, C1-C3 alkyl group and C1-C3 haloalkyl group, benzyloxy group whose ring is substituted with at least one substituent selected from the group consisting of halogen atom, C1-C3 alkyl group and C1-C3 haloalkyl group, C4-C8 trialkylsilylalkyl group, C3-C8 cyanoalkyl group, C3-C8 haloalkenyl group, C5-C8 haloalkoxyalkenyl group, C5-C8 haloalkoxyalkenyl group, C5-C8 alkylthioalkenyl group, C3-C8 haloalkynyl group, C5-C8 haloalkoxyalkynyl group, C5-C8 haloalkoxyalkynyl group, C5-C8 alkylthioalkynyl group, C2-C8 alkylcarbonyl group, benzyl group whose ring is substituted with at least one substituent selected from the group consisting of halogen atom, C1-C3 alkyl group and C1-C3 haloalkyl group, CHR₃4COR₂8 group, CHR₃4COOR₂8 group, CHR₃4P(O)(OR₂)₂ group, CHR₃4P(S)(OR₂)₂ group, CHR₃4C(O)NR₂9R₃0 group or CHR₃4C(O)NH₂ group,~~

~~_____ R₂8 is C1-C6 alkyl group, C2-C6 alkenyl group, C3-C6 alkynyl group or tetrahydrofuranyl group,~~

~~————— R29 and R31 are independently hydrogen atom or C1-C4 alkyl group;~~

~~————— R30 and R32 are independently C1-C4 alkyl group or phenyl group whose ring may be substituted with at least one substituent selected from the group consisting of halogen atom, C1-C3 alkyl group and C1-C3 haloalkyl group; or,~~

~~————— R29 and R30 together may form $-(CH_2)_5-$, $-(CH_2)_4-$ or $CH_2CH_2OCH_2CH_2-$, or the ring thus formed may be substituted with at least one substituent selected from the group consisting of C1-C3 alkyl group, phenyl group and benzyl group; or,~~

~~————— R31 and R32 may form C3-C8 cycloalkyl group together with the carbon atom to which they are attached;~~

~~————— R33 is C1-C4 alkyl group, C1-C4 haloalkyl group or C3-C6 alkenyl group;~~

~~————— R34 and R35 are independently hydrogen atom or C1-C4 alkyl group;~~

~~————— R36 is hydrogen atom, C1-C6 alkyl group, C3-C6 alkenyl group or C3-C6 alkynyl group;~~

~~————— R37 is hydrogen atom, C1-C4 alkyl group or halogen atom;~~

~~————— R38 is hydrogen atom, C1-C6 alkyl group, C3-C6 cycloalkyl group, C3-C6 alkenyl group, C3-C6 alkynyl group, C2-C6 alkoxyalkyl group, C1-C6 haloalkyl group, phenyl group whose ring may be~~

~~substituted with at least one substituent selected from the group consisting of halogen atom, C1-C4 alkyl group and C1-C4 alkoxy group, $\text{CH}_2\text{CO}_2(\text{C1-C4 alkyl})$ group or $\text{CH}(\text{CH}_3)\text{CO}_2(\text{C1-C4 alkyl})$ group;~~

~~_____ R39 is hydrogen atom, C1-C2 alkyl group or $\text{C}(\text{O})\text{O}(\text{C1-C4 alkyl})$ group;~~

~~_____ R40 is hydrogen atom, C1-C6 alkyl group, C1-C6 alkoxy group or $\text{NH}(\text{C1-C6 alkyl})$ group;~~

~~_____ R41 is C1-C6 alkyl group, C1-C6 haloalkyl group, C1-C6 alkoxy group, $\text{NH}(\text{C1-C6 alkyl})$ group, phenyl group whose ring may be substituted with one substituent selected from the group consisting of R42 group, benzyl group and C2-C8 dialkylamino group; and~~

~~_____ R42 is C1-C6 alkyl group, one or two halogen atoms, C1-C6 alkoxy group or CF_3 group;~~

~~_____ (3) a compound of the formula (II):~~

~~(wherein E^1 , E^2 , E^3 , E^4 , E^5 , E^6 , E^7 , E^8 , E^9 , E^{10} , E^{11} and E^{12} are independently hydrogen atom or C₁-C₃ alkyl group);~~

~~_____ R^{27} is C₁-C₈ alkyl group, C₃-C₈ cycloalkyl group, C₃-C₈ alkenyl group, C₃-C₈ alkynyl group, C₁-C₈ haloalkyl group, C₂-C₈ alkoxyalkyl group, C₂-C₈ alkylthioalkyl group, C₂-C₈ alkylsulfinylalkyl group, C₂-C₈ alkylsulfonylalkyl group, C₁-C₈ alkylsulfonyl group, phenylsulfonyl group whose phenyl ring may be~~

substituted with at least one substituent selected from the group consisting of halogen atom and C₁-C₄ alkyl group, C₄-C₈ alkoxyalkoxyalkyl group, C₄-C₈ cycloalkylalkyl group, C₆-C₈ cycloalkoxyalkyl group, C₄-C₈ alkenyloxyalkyl group, C₄-C₈ alkynyloxyalkyl group, C₃-C₈ haloalkoxyalkyl group, C₄-C₈ haloalkenyloxyalkyl group, C₄-C₈ haloalkynyloxyalkyl group, C₆-C₈ cycloalkylthioalkyl group, C₄-C₈ alkenylthioalkyl group, C₄-C₈ alkynylthioalkyl group, C₁-C₄ alkyl group substituted with phenoxy group whose ring is substituted with at least one substituent selected from the group consisting of halogen atom, C₁-C₃ alkyl group and C₁-C₃ haloalkyl group, benzyloxy group whose ring is substituted with at least one substituent selected from the group consisting of halogen atom, C₁-C₃ alkyl group and C₁-C₃ haloalkyl group, C₄-C₈ trialkylsilylalkyl group, C₃-C₈ cyanoalkyl group, C₃-C₈ halocycloalkyl group, C₃-C₈ haloalkenyl group, C₅-C₈ alkoxyalkenyl group, C₅-C₈ haloalkoxyalkenyl group, C₅-C₈ alkylthioalkenyl group, C₃-C₈ haloalkynyl group, C₅-C₈ alkoxyalkynyl group, C₅-C₈ haloalkoxyalkynyl group, C₅-C₈ alkylthioalkynyl group, C₂-C₈ alkylcarbonyl group, benzyl group whose ring is substituted with at least one substituent selected from the group consisting of halogen atom, C₁-C₃ alkyl group and C₁-C₃ haloalkyl group, CHR³⁴COR²⁸ group,

CHR³⁴COOR²⁸ group, CHR³⁴P(O)(OR²⁸)₂ group, CHR³⁴P(S)(OR²⁸)₂ group, CHR³⁴C(O)NR²⁹R³⁰ group or CHR³⁴C(O)NH₂ group;

R²⁸ is C₁-C₆ alkyl group, C₂-C₆ alkenyl group, C₃-C₆ alkynyl group or tetrahydrofuranlyl group;

R²⁹ and R³¹ are independently hydrogen atom or C₁-C₄ alkyl group;

R³⁰ and R³² are independently C₁-C₄ alkyl group or phenyl group whose ring may be substituted with at least one substituent selected from the group consisting of halogen atom, C₁-C₃ alkyl group and C₁-C₃ haloalkyl group; or,

R²⁹ and R³⁰ together may form -(CH₂)₅-, -(CH₂)₄- or -CH₂CH₂OCH₂CH₂-, or the ring thus formed may be substituted with at least one substituent selected from the group consisting of C₁-C₃ alkyl group, phenyl group and benzyl group; or,

R³¹ and R³² may form C₃-C₈ cycloalkyl group together with the carbon atom to which they are attached;

R³³ is C₁-C₄ alkyl group, C₁-C₄ haloalkyl group or C₃-C₆ alkenyl group;

R³⁴ and R³⁵ are independently hydrogen atom or C₁-C₄ alkyl group;

R³⁶ is hydrogen atom, C₁-C₆ alkyl group, C₃-C₆ alkenyl group or C₃-C₆ alkynyl group;

R³⁷ is hydrogen atom, C₁-C₄ alkyl group or halogen atom;

R³⁸ is hydrogen atom, C₁-C₆ alkyl group, C₃-C₆ cycloalkyl group, C₃-C₆ alkenyl group, C₃-C₆ alkynyl group, C₂-C₆ alkoxyalkyl group, C₁-C₆ haloalkyl group, phenyl group whose ring may be substituted with at least one substituent selected from the group consisting of halogen atom, C₁-C₄ alkyl group and C₁-C₄ alkoxy group, -CH₂CO₂(C₁-C₄ alkyl) group or -CH(CH₃)CO₂(C₁-C₄ alkyl) group;

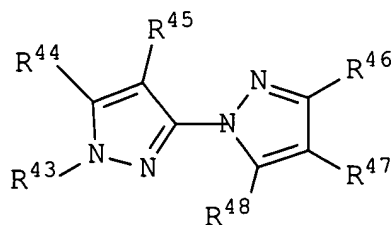
R³⁹ is hydrogen atom, C₁-C₂ alkyl group or C(O)O(C₁-C₄ alkyl) group;

R⁴⁰ is hydrogen atom, C₁-C₆ alkyl group, C₁-C₆ alkoxy group or NH(C₁-C₆ alkyl) group;

R⁴¹ is C₁-C₆ alkyl group, C₁-C₆ haloalkyl group, C₁-C₆ alkoxy group, NH(C₁-C₆ alkyl) group, phenyl group whose ring may be substituted with one substituent selected from the group consisting of R⁴² group, benzyl group and C₂-C₈ dialkylamino group; and

R⁴² is C₁-C₆ alkyl group, one or two halogen atoms, C₁-C₆ alkoxy group or CF₃ group;

(3) a compound of the formula (II):



or nipilacrofen,

~~wherein R43 is C1-C4 alkyl group;~~

~~R44 is C1-C4 alkyl group, C1-C4 alkylthio group, C1-C4 alkoxy group, C1-C4 haloalkyl group, C1-C4 haloalkylthio group or C1-C4 haloalkoxy group;~~

~~R43 and R44 together may form (CH₂)₃ or (CH₂)₄;~~

~~R45 is hydrogen atom or halogen atom;~~

~~R46 is hydrogen atom or C1-C4 alkyl group;~~

~~R47 is hydrogen atom, nitro group, cyano group, COOR₄₉ group, C(=X)NR₅₀R₅₁ group or C(=X₂)R₅₂ group;~~

~~R48 is hydrogen atom, halogen atom, cyano group, C1-C4 alkyl group optionally substituted with at least one substituent selected from the group consisting of halogen atom and hydroxyl group, C1-C4 alkoxy group, phenyl group optionally substituted with at least one substituent selected from the group consisting of halogen atom, nitro group, cyano group, C1-C4 alkyl group, C1-C4 alkoxy group and halo-C1-C4 alkyl group, pyrrolyl group, C2-C8 alkyl group, C3-C8 alkenyl group, C3-C8 alkynyl group, C3-C8 alkoxy group, a group selected from the group consisting of C2-C8 alkyl group, C3-C8 alkenyl group, C3-C8 alkynyl group and C3-C8 alkoxy group into which at least one oxygen atom is inserted, or any one of groups represented by the following formulas:~~

wherein R^{43} is C_1 - C_4 alkyl group;

R^{44} is C_1 - C_4 alkyl group, C_1 - C_4 alkylthio group, C_1 - C_4 alkoxy group, C_1 - C_4 haloalkyl group, C_1 - C_4 haloalkylthio group or C_1 - C_4 haloalkoxy group;

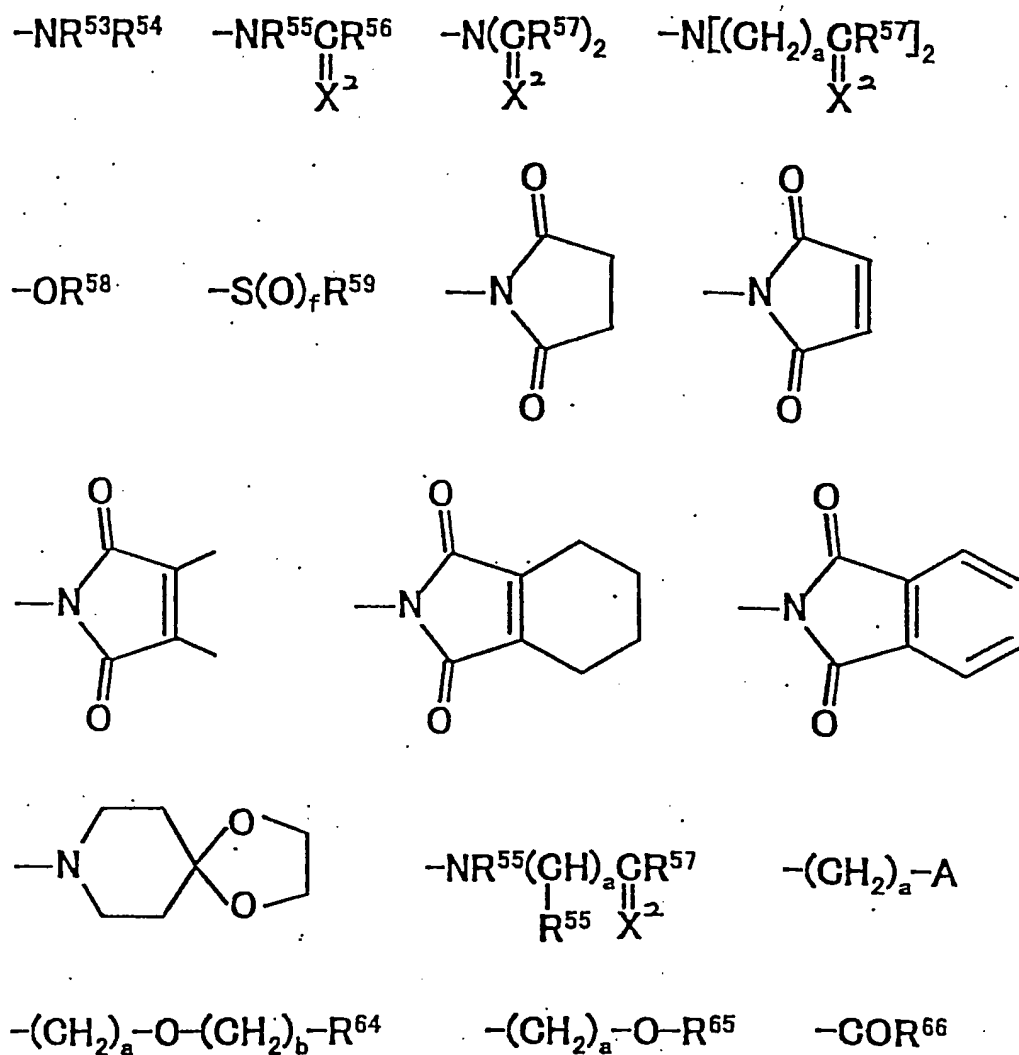
R^{43} and R^{44} together may form $-(CH_2)_3-$ or $-(CH_2)_4-$;

R^{45} is hydrogen atom or halogen atom;

R^{46} is hydrogen atom or C_1 - C_4 alkyl group;

R^{47} is hydrogen atom, nitro group, cyano group, $-COOR^{49}$ group, $-C(=X)NR^{50}R^{51}$ group or $-C(=X^2)R^{52}$ group;

R^{48} is hydrogen atom, halogen atom, cyano group, C_1 - C_4 alkyl group optionally substituted with at least one substituent selected from the group consisting of halogen atom and hydroxyl group, C_1 - C_4 alkoxy group, phenyl group optionally substituted with at least one substituent selected from the group consisting of halogen atom, nitro group, cyano group, C_1 - C_4 alkyl group, C_1 - C_4 alkoxy group and halo- C_1 - C_4 alkyl group, pyrrolyl group, C_2 - C_8 alkyl group, C_3 - C_8 alkenyl group, C_3 - C_8 alkynyl group, C_3 - C_8 alkoxy group, a group selected from the group consisting of C_2 - C_8 alkyl group, C_3 - C_8 alkenyl group, C_3 - C_8 alkynyl group and C_3 - C_8 alkoxy group into which at least one oxygen atom is inserted, or any one of groups represented by the following formulas:



wherein R49, R50 and R52 are, the same or different, hydrogen atom or C1-C4 alkyl group;

R50 and R51 may form saturated alicyclic 5 or 6 membered ring together with the nitrogen atom to which they are attached;

R52 is hydrogen atom, C1-C4 alkyl group or C1-C4 alkyl group substituted with at least one halogen atom;

~~————— R53 is hydrogen atom, C1-C4 alkyl group optionally substituted with at least one halogen atom, C2-C6 alkenyl group optionally substituted with at least one halogen atom, C3-C6 alkynyl group optionally substituted with at least one halogen atom, phenyl group optionally substituted with at least one halogen atom, C3-C8 cycloalkyl group, cyanomethyl group, or R63CO— group;~~

~~————— R54 is hydrogen atom, C1-C6 alkyl group optionally substituted with at least one halogen atom, C2-C6 alkenyl group optionally substituted with at least one halogen atom, C3-C6 alkynyl group optionally substituted with at least one halogen atom, phenyl group optionally substituted with halogen atom, C3-C8 cycloalkyl group, cyanomethyl group, C1-C4 alkoxy-C1-C6 alkyl group, ——— di-C1-C4 ——— alkylamino-C1-C4 ——— alkyl ——— group, tetrahydrofurfurylmethyl group, C3-C6 alkynyloxy-C1-C4 alkyl group, benzyl whose ring may be substituted with substituent selected from the group consisting of halogen atom, nitro group, cyano group, C1-C4 alkyl group, C1-C4 alkoxy group and halo-C1-C4 alkyl group, — C(-X2)R63— group, — (CH2)a-(O)d-R70— group, — (CH2)a-O-(CH2)b-R70 group, — (CH2)a-X2-R76— group;~~

~~————— R53 and R54 together with the nitrogen atom to which they are attached may form saturated alicyclic 3, 5 or 6 membered ring~~

~~or aromatic 5 or 6 membered ring in which a carbon atom may be optionally replaced with oxygen atom;~~

~~————— R55 is hydrogen atom, C1-C4 alkyl group, C2-C6 alkenyl group or C3-C6 alkynyl group, or R55 and R56 together may form —(CH₂)_e—;~~

~~————— R56 and R57 are independently C1-C4 alkyl group optionally substituted with at least one halogen atom, C2-C6 alkenyl group optionally substituted with at least one halogen atom, C3-C6 alkynyl optionally substituted with at least one halogen atom or phenyl group optionally substituted with at least one halogen atom, hydrogen atom, C3-C6 cycloalkyl group, —XR60 group or —NR61R62 group;~~

~~————— R58 is hydrogen atom, C1-C6 alkyl group, C2-C6 alkenyl group, C3-C6 alkynyl group, C1-C4 alkylcarbonyl group, cyano-C1-C3 alkyl group, C1-C4 alkoxy carbonyl-C1-C4 alkyl group, di-C1-C4 alkoxy carbonyl-C1-C4 alkyl group, benzyl group, C1-C4 alkoxy-C1-C4 alkynyl group, —(CH₂)_a-R75 group, —(CH₂)_a-X₂-R72 group, —(CH₂)_a-X₂-(CH₂)_b-R72 group or —(CH₂)_a-X₂-(CH₂)_b-X₂-(CH₂)_c-R72 group;~~

~~————— R59 is hydrogen atom, C1-C4 alkyl group, C2-C6 alkenyl group, C3-C6 alkynyl group, cyano-C1-C3 alkyl group, C1-C4 alkylcarbonyl-C1-C3 alkyl group or phenyl group;~~

~~————— R60 is C1-C4 alkyl group optionally substituted with at least one halogen atom;~~

~~————— R61 and R62 are, the same or different, hydrogen atom or C1-C4 alkyl group;~~

~~————— R63 is C1-C4 alkyl group optionally substituted with at least one halogen atom, C1-C4 alkoxy-C1-C4 alkyl group, C1-C4 alkylthio-C1-C4 alkyl group, C3-C6 cycloalkyl group, phenyl group whose ring may be substituted with one substituent selected from the group consisting of halogen atom, nitro group, cyano group, C1-C4 alkyl group, C1-C4 alkoxy group and halo-C1-C4 alkyl group, —NR73R74 group or —(CH2)a—(O)d—R75 group;~~

~~————— R64 is C1-C4 alkoxycarbonyl group or carboxyl group;~~

~~————— R65 is chloromethyl group, cyanomethyl group, C3-C6 cycloalkyl group into which at least one oxygen atom may be inserted, or C1-C4 alkoxycarbonyl-C1-C4 alkyl group;~~

~~————— R66 is hydroxyl group or —NR67R68 group;~~

~~————— A is —NR67R68 group or —S(O)f—R69 group;~~

~~————— R67 and R68 are, the same or different, hydrogen atom or C1-C4 alkyl group;~~

~~————— R69 is C1-C4 alkyl group or C1-C4 haloalkyl group;~~

~~————— R70 is hydrogen atom, hydroxyl group, halogen atom, C1-C4 alkyl group optionally substituted with at least one C1-C4 alkoxy~~

~~group, C3-C6 cycloalkyl group into which at least one oxygen atom may be inserted, C3-C6 cycloalkyl group optionally substituted with one or two methyl groups, furyl group, thienyl group or C(=O)R⁷¹ group;~~

~~_____ R⁷¹ and R⁷² are, the same or different, C1-C4 alkyl group or C1-C4 alkoxy group;~~

~~_____ R⁷³ and R⁷⁴ are, the same or different, C1-C4 alkyl group or phenyl group;~~

~~_____ R⁷⁵ is C3-C6 cycloalkyl into which at least one oxygen atom may be inserted, C3-C6 cycloalkyl group optionally substituted with one or two methyl groups, furyl group, thienyl group or C(=O)R⁷¹ group;~~

~~_____ R⁷⁶ is C1-C4 alkyl group;~~

~~_____ a, b and c is independently 1, 2 or 3;~~

~~_____ d is 0 or 1;~~

~~_____ e is 2 or 3;~~

~~_____ f is 1 or 2; and~~

~~_____ X² is oxygen atom or sulfur atom.~~

_____ wherein R⁴⁹, R⁵⁰ and R⁵² are, the same or different, hydrogen atom or C₁-C₄ alkyl group;

_____ R⁵⁰ and R⁵¹ may form saturated alicyclic 5 or 6 membered ring together with the nitrogen atom to which they are attached;

R⁵² is hydrogen atom, C₁-C₄ alkyl group or C₁-C₄ alkyl group substituted with at least one halogen atom;

R⁵³ is hydrogen atom, C₁-C₄ alkyl group optionally substituted with at least one halogen atom, C₂-C₆ alkenyl group optionally substituted with at least one halogen atom, C₃-C₆ alkynyl group optionally substituted with at least one halogen atom, phenyl group optionally substituted with at least one halogen atom, C₃-C₈ cycloalkyl group, cyanomethyl group, or R⁶³CO- group;

R⁵⁴ is hydrogen atom, C₁-C₆ alkyl group optionally substituted with at least one halogen atom, C₂-C₆ alkenyl group optionally substituted with at least one halogen atom, C₃-C₆ alkynyl group optionally substituted with at least one halogen atom, phenyl group optionally substituted with halogen atom, C₃-C₈ cycloalkyl group, cyanomethyl group, C₁-C₄ alkoxy-C₁-C₆ alkyl group, di-C₁-C₄ alkylamino-C₁-C₄ alkyl group, tetrahydrofurfurylmethyl group, C₃-C₆ alkynyloxy-C₁-C₄ alkyl group, benzyl whose ring may be substituted with substituent selected from the group consisting of halogen atom, nitro group, cyano group, C₁-C₄ alkyl group, C₁-C₄ alkoxy group and halo-C₁-C₄ alkyl group, -C(=X²)R⁶³ group, -(CH₂)_a-(O)_d-R⁷⁰ group, -(CH₂)_a-O-(CH₂)_b-R⁷⁰ group, -(CH₂)_a-X²-R⁷⁶ group;

R⁵³ and R⁵⁴ together with the nitrogen atom to which they are attached may form saturated alicyclic 3, 5 or 6 membered ring

or aromatic 5 or 6 membered ring in which a carbon atom may be optionally replaced with oxygen atom;

R⁵⁵ is hydrogen atom, C₁-C₄ alkyl group, C₂-C₆ alkenyl group or C₃-C₆ alkynyl group, or R⁵⁵ and R⁵⁶ together may form - (CH₂)_e-;

R⁵⁶ and R⁵⁷ are independently C₁-C₄ alkyl group optionally substituted with at least one halogen atom, C₂-C₆ alkenyl group optionally substituted with at least one halogen atom, C₃-C₆ alkynyl optionally substituted with at least one halogen atom or phenyl group optionally substituted with at least one halogen atom, hydrogen atom, C₃-C₆ cycloalkyl group, -XR⁶⁰ group or -NR⁶¹R⁶² group;

R⁵⁸ is hydrogen atom, C₁-C₆ alkyl group, C₂-C₆ alkenyl group, C₃-C₆ alkynyl group, C₁-C₄ alkylcarbonyl group, cyano-C₁-C₃ alkyl group, C₁-C₄ alkoxy carbonyl-C₁-C₄ alkyl group, di-C₁-C₄ alkoxy carbonyl-C₁-C₄ alkyl group, benzyl group, C₁-C₄ alkoxy-C₁-C₄ alkynyl group, -(CH₂)_a-R⁷⁵ group, -(CH₂)_a-X²-R⁷² group, -(CH₂)_a-X²-(CH₂)_b-R⁷² group or -(CH₂)_a-X²-(CH₂)_b-X²-(CH₂)_c-R⁷² group;

R⁵⁹ is hydrogen atom, C₁-C₄ alkyl group, C₂-C₆ alkenyl group, C₃-C₆ alkynyl group, cyano-C₁-C₃ alkyl group, C₁-C₄ alkylcarbonyl-C₁-C₃ alkyl group or phenyl group;

R⁶⁰ is C₁-C₄ alkyl group optionally substituted with at least one halogen atom;

R⁶¹ and R⁶² are, the same or different, hydrogen atom or C₁-C₄ alkyl group;

R⁶³ is C₁-C₄ alkyl group optionally substituted with at least one halogen atom, C₁-C₄ alkoxy-C₁-C₄ alkyl group, C₁-C₄ alkylthio-C₁-C₄ alkyl group, C₃-C₆ cycloalkyl group, phenyl group whose ring may be substituted with one substituent selected from the group consisting of halogen atom, nitro group, cyano group, C₁-C₄ alkyl group, C₁-C₄ alkoxy group and halo-C₁-C₄ alkyl group, -NR⁷³R⁷⁴ group or -(CH₂)_a-(O)_d-R⁷⁵ group;

R⁶⁴ is C₁-C₄ alkoxycarbonyl group or carboxyl group;

R⁶⁵ is chloromethyl group, cyanomethyl group, C₃-C₆ cycloalkyl group into which at least one oxygen atom may be inserted, or C₁-C₄ alkoxycarbonyl-C₁-C₄ alkyl group;

R⁶⁶ is hydroxyl group or -NR⁶⁷R⁶⁸ group;

A is -NR⁶⁷R⁶⁸ group or -S(O)_f-R⁶⁹ group;

R⁶⁷ and R⁶⁸ are, the same or different, hydrogen atom or C₁-C₄ alkyl group;

R⁶⁹ is C₁-C₄ alkyl group or C₁-C₄ haloalkyl group;

R⁷⁰ is hydrogen atom, hydroxyl group, halogen atom, C₁-C₄ alkyl group optionally substituted with at least one C₁-C₄ alkoxy group, C₃-C₆ cycloalkyl group into which at least one oxygen atom may be inserted, C₃-C₆ cycloalkyl group optionally substituted with

one or two methyl groups, furyl group, thienyl group or -C(=O)R⁷¹ group;

R⁷¹ and R⁷² are, the same or different, C₁-C₄ alkyl group or C₁-C₄ alkoxy group;

R⁷³ and R⁷⁴ are, the same or different, C₁-C₄ alkyl group or phenyl group;

R⁷⁵ is C₃-C₆ cycloalkyl into which at least one oxygen atom may be inserted, C₃-C₆ cycloalkyl group optionally substituted with one or two methyl groups, furyl group, thienyl group or -C(=O)R⁷¹ group;

R⁷⁶ is C₁-C₄ alkyl group;

a, b and c is independently 1, 2 or 3;

d is 0 or 1;

e is 2 or 3;

f is 1 or 2; and

X² is oxygen atom or sulfur atom.